

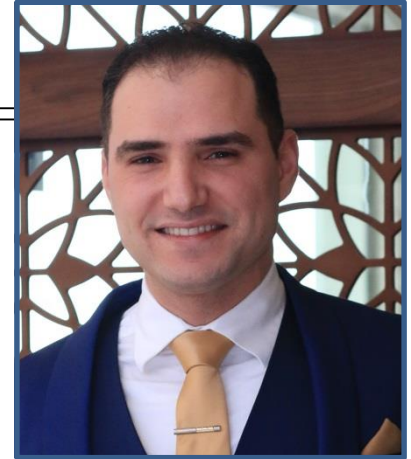
# Yazan Mahmoud Nimer Dweiri

Ph.D. Biomedical Engineering

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## Education

**Case Western Reserve University**, Cleveland, OH.

Doctor of Philosophy in biomedical Engineering, Jan 2016.

**Case Western Reserve University**, Cleveland, OH.

Master of Science in biomedical Engineering, Jan 2011.

**Jordan University of science and Technology**, Irbid, Jordan.

Bachelor of Biomedical Engineering, June 2007

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## RESEARCH AND PROFESSIONAL EXPERIENCE

Feb 2016 – Present      **Full-Time Assistant Professor-** Jordan University of Science and Technology. P.O. Box 3030 - Irbid -22110- Jordan

### Taught Classes:

- Control and Communication in the Nervous System
- Introduction to Biomechanics
- Biofluid Mechanics
- Introduction to Biomedical Materials
- Digital Signal Processing
- Digital Logic Design and Computer Architecture Laboratory
- Electrical Circuits Analysis
- Medical Electronics Laboratory
- Microcontrollers and Embedded Systems
- Microcontrollers and Embedded Systems Laboratory
- Biomedical Instrumentations
- Biomedical Design
- Biomedical Electronics







Steffen, Maria Suurna, Ryan J Soose, Michael Coleman, John Rondoni, Dominique M Durand, andQuan Ni. *“Model-based analysis of implanted hypoglossal nerve stimulation for the treatment of obstructive sleep apnea” Sleep*, Volume 44, Issue Supplement\_1, 2021

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## **PATENTS**

- Dominique M. Durand & **Yazan M. Dweiri** , *“Multichannel Ultra - Low Noise Amplifier”*  
Patent No .: US 11,071,499 B2, Date of Patent Approval : Jul . 27 , 2021
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## **Important assumed roles and professional activities in the past five years:**

- Served as a representative of the department of biomedical Engineering at the Engineering Faculty council at JUST 2017-2019
- Served as a representative of the faculty of Engineering at the JUST University council 2018-2019
- Invited keynote speaker of the Biomedical Engineering scientific day at JUST in 2019
- Invited keynote speaker in the IEEE Jordan Chapter annual meeting, 2018
- The head of the innovation committee at the center of excellence of innovative projects at JUST (2020-2021)
- Served as the Chairperson of BME track in Mosharaka International Conferences 2020
- Invited reviewer for several journals including the journal of neural engineering and IEEE